

FORM PTO-1449

MAY 02 2005

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

NILSSON=6 B

SERIAL NO.

10/658,376

INFORMATION DISCLOSURE STATEMENT

LIST OF DOCUMENTS CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT: Dan NILSSON

FILING DATE: September 10, 2003

GROUP:

E.P.

OTHER DOCUMENTS (Including Author, Title, Pertinent Page, Etc.)

	AA	DICKELY, Francoise et al., "Isolation of lactococcus lactis nonsense suppressors and construction of a food-grade cloning vector." MOLECULAR MICROBIOLOGY, vol. 15, no. 5, pp. 839-847 (1995).
	AB	GASSON, M.J. et al., "Metabolic engineering of the Lactococcus lactis diacetyl pathway.", LAIT, vol. 76, pp. 33-40 (1996).
	AC	"HPLC analysis determination of acids and carbohydrates in liquid fermentation media using internal standard.", CHR. HANSEN'S LABORATORIUM DANMARK A/S, Analytical Procedure AP1009 (1993).
	AD	"HSGC- In situ derivation of acids in fermentates for physiological investigations." CHR. HANSEN'S, Technical Report TR 785, (1995).
	AE	"HSGC - Determination of volatile organic compounds and α -aceto lactic acid.", CHR'S HANSEN, Analytical Procedure AP 1048, (1995).
	AF	HUGENHOLTZ, Jeroen, "Citrate metabolism in lactic acid bacteria.", FEMS MICROBIOLOGY REVIEWS, vol. 12, pp. 165-178 (1993).
	AG	KNAPPE, Joachim, "Anaerobic dissimilation of pyruvate.", INSTITUTE FOR CHEMICAL BIOLOGY, no. 13, pp. 151-155.
	AH	PLATTEEUW, Christ. et al., "Metabolic engineering of Lactococcus lactis: Influence of the overproduction of α -acetolactate synthase in strains deficient in lactate dehydrogenase as a function of culture conditions" APPLIED AND ENVIRONMENTAL MICROBIOLOGY, pp. 3967-3971.
	AI	SNOEP, Jacob., "Regulation of pyruvate catabolism in Enterococcus faecalis: A molecular approach to physiology.", ACADEMISCH PROefschrift, Chp. 1-4, pp. 1-92 (1992).
	AJ	TERZAGHI, Betty et al., "Improved medium for lactic streptococci and their bacteriophages.", APPLIED MICROBIOLOGY, vol. 29, no. 6, pp. 807-813 (1975).
	AK	WESTERFELD, W., "A colorimetric determination of blood acetoine.", JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 16, pp. 495-502 (1945).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	AL	PASCAL, Marie-Claire et al., "Genetic analysis of mutants of Escherichia coli K12 and Salmonella typhimurium LT2 deficient in hydrogenase activity." MOLEC. GEN. GENET., vol. 141, pp. 173-179 (1975).
	AM	PASCAL, Marie-Claire et al., "Mutants of Escherichia coli K12 with defects in anaerobic pyruvate metabolism" JOURNAL OF GENERAL MICROBIOLOGY, vol. 124, pp. 35-42 (1980).
	AN	VARENNE, S. et al., "A mutant of Escherichia coli deficient in pyruvate formate lyase.", MOLEC. GEN. GENET., vol. 141, pp. 181-184 (1975).
	AO	
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SHEET 1 OF 1

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INFORMATION DISCLOSURE STATEMENT LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)			APPLICANT: NILSSON, Dan						
			FILING DATE: September 10, 2003			GROUP: 1651			
U.S. PATENT DOCUMENTS (include at least patentee, patent number and issue date)									
EXAMINER INITIAL		DOCUMENT NUMBER			DATE	PATENTEE	CLASS	SUB-CLASS	FILING DATE IF APPROP.
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FOREIGN PATENT DOCUMENTS (include at least document number, publication date and country)									
		DOCUMENT NUMBER			DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES/NO
AL									
AM									
AN									
AO									
OTHER DOCUMENTS (include author, title, name of publication, volume, pages & date of publication)									
AP	MCKAY, et al., Altered Metabolism in a Streptococcus lactis C2 Mutant Deficient in Lactic Dehydrogenase, JOURNAL OF DAIRY SCIENCE, vol. 57, no. 2, pgs. 181-186, 1973.								
AQ									
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MAY 02 2005
U.S. PATENT AND TRADEMARK OFFICE

APPLICANT: Dan NILSSON

FILING DATE:

September 10, 2003

GROUP:

E-I OTHER DOCUMENTS (include author, title, name of publication, volume, pages and date of publication)

	BP	F. Mat-Jan et al., "Mutants of Escherichia Coli Deficient in the Fermentative Lactate Dehydrogenase", Journal of Bacteriology, vol. 171, no. 1, pg. 342-348, January, 1989.
	BQ	
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES/NO	
OTHER DOCUMENTS (include author, title, name of publication, volume, pages & date of publication)								
CA		BÖCK, et al., Fermentation, ESCHERICHIA COLI AND SALMONELLA, CELLULAR AND MOLECULAR BIOLOGY, (Eds. in Chief Frederick C. Neidhardt), ASM Press, Washington, D.C., pgs. 262-282, 1996.						
CB		BOLOTIN, et al., Low-redundancy sequencing of the entire <i>Lactococcus lactis</i> IL1403 genome, ANTONIE VAN LEEUWENHOEK, vol. 76, pgs. 27-76, 1999.						
CC		COGAN, et al, Impact of aeration on the metabolic end-products formed from glucose and galactose by <i>Streptococcus lactis</i> , JOURNAL OF APPLIED BACTERIOLOGY, vol. 66, pgs. 77-84, 1989.						
CD		COLLINS, et al., Roles of Acetate and Pyruvate in the Metabolism of <i>Streptococcus diacetilactis</i> , JOURNAL OF BACTERIOLOGY, vol. 103, no. 3, pgs. 541-546, 1970.						
CE		CRONAN, et al., Tricarboxylic Acid Cycle and Glyoxylate Bybass, ESCHERICHIA COLI AND SALMONELLA CELLULAR AND MOLECULAR BIOLOGY (Eds. in Chief Frederick C. Neidhardt, ASM Press, Washington, D.C., pp. 206-216, 1996.						
CF		GENNIS, et al., Respiration, ESCHERICHIA COLI AND SALMONELLA CELLULAR AND MOLECULAR BIOLOGY (Eds. in Chief Frederic C. Neidhardt, ASM Press, Washington, D.C., pp. 217-261, 1996.						
CG		NEIDHARDT, The Enteric Bacterial Cell and the Age of Bacteria, ESCHERICHIA AND SALMONELLA CELLULAR AND MOLECULAR BIOLOGY (Eds. in Chief Frederic C. Neidhardt, ASM Press, Washington, D.C., pp. 1-3, 1996.						
CH		REED, et al., Acetate-Replacing Factors for Lactic Acid Bacteria, J. BIOL. CHEM. vol. 192, pgs. 851-858, 1951.						
CI		REITER, et al., Nutritional studies on cheese starters, J. DAIRY RES., vol. 29, pgs. 63-77, 1962.						
CJ		SNOEP, et al., Differences in sensitivity to NADH of purified pyruvate dehydrogenase complexes of <i>Enterococcus faecalis</i> , <i>Lactococcus lactis</i> , <i>Axobacter vinelandii</i> and <i>Escherichia coli</i> : Implications of their activity in vivo, FEMS MICROBIOLOGY LETTERS, vol. 114, pgs. 279-283, 1993.						
CK		TAKAHASHI, et al., Oxygen Sensitivity of Sugar Metabolism and Interconversion of Pyruvate Formate-Lyase in Intact Cells of <i>Streptococcus mutans</i> and <i>Streptococcus sanguis</i> , INFECTION AND IMMUNITY, vol. 55, no. 3, pgs. 652-656, 1987.						
CL		TAKAHASHI, et al., Purification of Pyruvate Formate-Lyase from <i>Streptococcus mutans</i> and Its Regulatory Properties, JOURNAL OF BACTERIOLOGY, vol. 149, no. 3, pgs. 1034-1040, March 1982.						
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INFORMATION DISCLOSURE STATEMENT
Notice of References Cited

Application No. 10/658,376	Applicant(s) Nilsson D.
Examiner Vera Afremova	Group Art Unit 1651

Page 1 of 1

U. S. PATENT DOCUMENTS

E.I.	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A					
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
N						
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P						
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S						
T						

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
U	Takahashi et al. Oral Microbiology and Immunology. 1995. Vol. 10, pages 349-354.	
V		
W		
X		